

Meeting on July 23rd 2002

Minutes taker Ina Reichel

Those present I. Reichel, S. de Santis, W. Wan, A. Wolski

Absent(excused) J. Corlett, A. Zholents

Date July 23rd 2002

Distribution

J. Corlett
I. Reichel
D. Robin
S. de Santis
W. Wan
A. Wolski
A. Zholents

Overview of topics

1 Update on the first bunch compressor (I. Reichel)	20
2 Update on lattice studies (W. Wan)	20
3 Update on MERLIN tracking (A. Wolski)	20

1 Update on the first bunch compressor (I. Reichel)

For some reason there is always some residual dispersion (about 5 cm) at the end of the line. It could be due to dispersion prime not being exactly zero (required as of the boundary conditions). Weishi and Andy had some suggestions what to try to get it smaller.

2 Update on lattice studies (W. Wan)

Etienne Forrest left a new version of his code with Weishi. Weishi has not tried it yet.

3 Update on MERLIN tracking (A. Wolski)

No new tracking results but some more information on the matrix element for standing wave cavities in MAD compared to other codes. The element R_{21} is zero in MAD however in the literature for standing wave cavities this element usually is non-zero (although small). This could account for differences between different codes.